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*C. Healion*  
C. Healion

Appl No. : 09/636,000 Confirmation No. 5413  
Applicant : Stephen P. Pope  
Filed : August 9, 2000  
Title : MAXIMUM LIKELIHOOD SEQUENCE ESTIMATOR WHICH  
COMPUTES BRANCH METRICS IN REAL TIME

TC/A.U. : 2631  
Examiner : Kevin Michael Burd

Docket No. : 50980/SDB/B600  
Customer No. : 23363

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Technology Center 2600

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
June 1, 2004

Commissioner:

In response to the final Office action of March 1, 2004 and in conjunction with the Request for Continued Examination filed concurrently herewith, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.